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Montana Oil and Gas STATISTICAL BULLETIN

June, 1966

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XIV, No. 6 June, 1966

Production of crude oil and condensate from the oil and gas areas of Montana for the month of June, 1966, averaged 97,557 barrels daily, a decrease of 940 barrels from the average May production of 98,497.

The nine refineries in state processed 100,421 barrels of crude oil daily for the month of June, 1966, an increase of 15,447 barrels from the 84,974 barrels processed daily during the month of May, 1966.

During June, 45 wells were completed, 20 oil, 2 gas wells and 23 dry holes.

During June, the commission issued 55 permits to drill new wells, an increase of 18 from 37 permits issued during May.

SUMMARY OF CRUDE OIL PRODUCTION REFINING STORAGE, ETC., IN MONTANA

MONTH OF JUNE, 1966

IN STORAGE JUNE 1st	
By Producers	362,466
By Transporters	1,181,359
By Refiners	763,349
TOTAL STORAGE	2,307,174
Produced in Montana During Month	2,926,721
Imported During Month	2,117,641
TOTALS	7,351,536
DISPOSITION:	
Refined in Montana	3,012,653
Exported	2,141,249
Used for Fuel or Lost	12,458
TOTAL	5,166,360
IN STORAGE JUNE 30th:	
By Producers	346,155
By Transporters	1,132,500
By Refiners	706,521
TOTAL STORAGE	2,185,176

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1966

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	44,422
Bowdoin	70,173
Bowes	39,093
Cabin Creek	106,118
Cedar Creek	155,140
Cut Bank (Including Reagan)	559,913
Devon	0
Dry Creek	41,842
Elk Basin	22,193
Flat Coulee	6,378
Gold Butte	4,001
Golden Dome	0
Grandview	13,504
Hardin	4,318
Keith Block	388,959
Kevin Sunburst	39,981
Lake Basin	95,580
Middle Butte	6,164
Mt. Lilly	39,246
Pine	66,494
Plevna	13,074
Utopia	48,827
Whitlash	137,511
Miscellaneous	85,750
TOTAL	1,988,681

Total withdrawals for June, 1965 were 1,879,903 M Cu. Ft.

PRODUCERS REPORT—MONTH OF JUNE, 1966

Lease	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
2	Ash Creek	5	294	5,822	.....	5,411	.....	705
1	Bannatyne	1	1,596	122	.....	.....	.....	1,718
1	Bascom	1	240	65	193	.....	.....	112
4	Bear's Den	5	1,770	1,439	.....	1,351	.....	1,858
1	Belfry	1	283	70	.....	.....	.....	353
1	Benrud	1	471	2,059	1,976	.....	.....	554
1	Benrud East	1	514	10,203	10,205	.....	.....	512
2	Benrud Northeast	2	1,457	16,094	16,206	.....	.....	1,345
8	Big Wall	27	1,466	16,113	16,256	.....	.....	1,323
6	Blackfoot	9	2,021	4,058	1,043	3,238	76	1,722
1	Blackfoot East	1	154	16	.....	.....	.....	170
4	Border	6	.....	3,202	.....	3,202	.....	.....
1	Bowes	51	5,873	15,536	15,569	.....	.....	5,840
2	Bradley	2	1,089	875	1,436	.....	.....	528
1	Brady	1	72	212	212	.....	.....	72
....	Bynum	....	75	.....	.....	.....	.....	75
2	Cabin Creek	102	6,793	239,645	240,188	.....	.....	6,250
15	Cat Creek	90	3,815	15,471	12,139	3,627	.....	3,520
1	Clark's Fork	1	190	169	.....	154	.....	205
2	Conrad South	2	990	3,041	3,041	.....	.....	990
1	Cupton	1	1,886	675	.....	1,562	.....	999
200	Cut Bank	1,090	105,663	364,347	367,944	4,400	.....	97,666
3	Deer Creek	4	1,867	3,713	3,971	.....	.....	1,609
1	Delphia	1	299	1,400	.....	1,561	.....	138
....	Devil's Basin	....	451	.....	.....	.....	.....	451
1	Dry Creek	1	50	178	.....	162	.....	66
15	Dwyer	15	6,169	27,944	28,390	.....	.....	5,723
4	Elk Basin	55	1,652	233,764	233,788	.....	.....	1,628
5	Elk Basin Northwest	16	3,240	18,074	18,521	.....	.....	2,793
2	Fairview	2	1,849	14,548	.....	15,414	.....	983
3	Fertile Prairie	3	1,066	2,222	.....	2,337	.....	951
23	Flat Coulee	29	4,068	21,642	20,816	.....	.....	4,894
26	Flat Lake	40	6,424	107,464	106,111	.....	.....	7,777
2	Frannie	2	.....	1,217	1,217	.....	.....	.....
17	Fred & George Creek	40	2,070	129,101	128,781	.....	.....	2,390
1	Gage	1	579	313	.....	354	.....	538
....	Gage Southwest	....	269	.....	.....	.....	.....	269
4	Gas City	30	6,181	47,160	35,086	9,974	.....	8,281
9	Glendive	15	6,595	41,158	40,377	2,813	.....	4,563
19	Goose Lake	21	3,321	63,209	63,934	.....	.....	2,596
9	Graben Coulee	24	4,240	20,856	14,101	6,554	.....	4,441
....	Grandview	....	112	.....	.....	.....	.....	112
2	Gypsy Basin	2	8,998	712	.....	775	.....	8,935
1	Hibbard	1	231	398	.....	390	.....	239
8	Ivanhoe	14	2,315	18,262	18,436	.....	532	1,609
11	Keg Coulee	27	6,055	38,303	38,607	.....	4	5,747
2	Keg Coulee North	2	853	2,294	2,706	.....	.....	441
126	Kevin Sunburst	706	17,737	39,270	37,336	2,432	180	17,059
3	Little Beaver	32	3,800	31,203	29,467	315	857	4,364
2	Little Beaver East	14	1,982	17,559	16,500	.....	.....	3,041
2	Lodge Grass	2	870	1,487	.....	1,879	.....	478
3	Lone Tree	3	1,162	6,064	.....	5,695	.....	1,531
23	Lookout Butte	70	5,612	122,471	119,169	.....	1,328	7,586
....	Mackay Dome	....	770	.....	.....	.....	.....	770
2	Mason Lake	2	578	2,000	2,000	.....	.....	578
2	Melstone	5	1,171	3,050	3,151	.....	.....	1,070
1	Mineral Bench	1	823	2,553	2,501	.....	.....	875
2	Miner's Coulee	3	415	8,617	8,935	.....	.....	97
7	Monarch	11	1,998	14,732	13,293	.....	.....	3,437
4	Mosser	4	.....	775	.....	775	.....	.....
7	Outlook	12	8,956	42,962	44,912	.....	.....	7,006
2	Outlook South	2	1,457	2,019	1,586	.....	.....	1,890
65	Pennel	111	4,662	171,345	172,132	.....	.....	3,875
4	Pine	126	13,978	337,183	335,135	.....	1,134	14,892
4	Pole Creek	6	1,578	2,222	.....	2,066	.....	1,734
68	Pondera	308	9,296	31,265	32,722	.....	.....	7,839
....	Pondera Coulee	....	.....	.....	.....	.....	.....	.....
5	Poplar East	73	8,894	73,010	71,401	.....	62	10,441
4	Poplar Northwest	5	2,526	1,842	3,008	.....	.....	1,360
2	Prairie Elk	2	909	1,447	.....	1,059	.....	1,297
4	Ragged Point	13	2,194	4,330	3,290	.....	.....	3,234
3	Ranch Creek	3	1,436	2,517	.....	2,597	12	1,344
4	Reagan	43	2,153	15,840	16,378	.....	.....	1,615
1	Red Creek	27	.....	24,758	24,621	137	.....	.....
1	Redstone	1	308	899	768	.....	.....	439
1	Repeat	1	338	1,617	.....	1,302	.....	653
1	Richey	1	1,712	430	.....	.....	.....	2,142
6	Richey Southwest	8	3,197	10,275	.....	10,764	.....	2,708
4	Sand Creek	5	.....	7,461	7,461	.....	.....	.....
1	Shotgun Creek	1	246	934	.....	877	.....	303
2	Sidney-Brorson	2	1,576	1,741	.....	1,461	.....	1,856
2	Snyder	4	2,309	1,656	.....	2,837	.....	1,128
5	Soap Creek	9	3,790	4,018	.....	4,032	.....	3,776
2	Spring Lake	3	3,840	3,796	.....	4,484	.....	3,152
2	Stensvad	24	4,182	35,736	34,975	.....	.....	4,943
31	Sumatra	88	11,083	64,806	65,928	.....	.....	9,961
5	Tule Creek	7	2,982	40,455	.....	41,055	.....	2,382
2	Tule Creek East	2	517	27,894	13,053	15,058	.....	300
1	Tule Creek South	1	630	4,280	.....	4,390	.....	520
2	Vida	2	602	3,126	.....	3,178	.....	550
4	Volt	6	3,331	22,440	24,266	.....	.....	1,505
7	Weldon	18	3,814	180,205	180,905	.....	.....	3,114
16	Whitlash	41	8,446	22,114	21,967	.....	98	8,495
....	Whitlash West	....	140	203	203	.....	.....	140
2	Wills Creek South	2	1,421	8,874	9,611	.....	.....	684
7	Wolf Springs	12	5,052	23,039	23,408	.....	.....	4,683
3	Woodrow	4	551	4,102	4,293	.....	.....	360
....	Wildcat, Carbon County	....	50	.....	.....	.....	.....	50
1	Wildcat, Glacier County	1	273	348	.....	508	2	111
....	Wildcat, Liberty County	....	305	.....	.....	.....	.....	305
1	Wildcat, Richland County	1	755	1,918	.....	2,352	.....	321
1	Wildcat, Roosevelt County	1	240	516	.....	590	.....	166
1	Wildcat, Sheridan County	1	153	151	.....	.....	.....	304
886	Total	3,575	362,466	2,926,721	2,765,625	173,122	4,285	346,155

Total Oil Produced and Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1965	32,778,118	89,803	32,787,648	89,829
First Quarter, 1966	8,617,148	95,746	8,589,395	95,437
April, 1966	2,969,498	98,983	2,957,182	98,572
May, 1966	3,053,427	98,497	3,038,127	98,004
June, 1966	2,926,721	97,557	2,938,747	97,958

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1965	331,221	946,634	498,990	1,776,845
March, 1966	347,070	1,048,199	675,920	2,071,189
April, 1966	352,909	1,049,673	773,630	2,176,212
May, 1966	362,466	1,181,359	763,349	2,307,174
June, 1966	346,155	1,132,500	706,521	2,185,176

*Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT—MONTH OF JUNE, 1966

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			5,411				5,411		
BEAR'S DEN—Truck			1,351					1,351	
BIG WALL—Continental Pipeline Co.		16,256				16,256			
BLACKFOOT—									
Camerland Cardinal Corp.			3,238			3,238			
Union Oil Co.		1,043				1,043			
		1,043	3,238			4,281			
BORDER—Truck			3,202					3,202	
BOWES—Texaco, Inc.		15,569				15,569			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	304,355	850,553	37,694	825,061			1,719,273		298,390
Shell Pipeline Co.	6,309	349,423		294	1,447			350,104	4,475
	310,664	1,199,976	37,694	825,355	1,447		1,719,273	350,104	302,865
CAT CREEK—									
Continental Pipeline Co.		12,139				12,139			
Truck			3,627			3,627			
		12,139	3,627			15,766			
CLARK'S FORK—Truck			154				154		
CUT BANK									
Continental Pipeline Co.			12,913	417,970		430,883			
Phillips Petroleum Co.	98,608	67,343		74,639	1,251	138,737			100,602
Producers Pipeline Co.	34,605	36,287						35,669	35,223
Texas Pipeline Co.	28,888	62,786		40,499	(4)			102,738	29,439
Union Oil Co.	123,445	81,148		18,200	845	97,169			124,779
Western Oil Trans. Co.	67,406	38,186		170,340	381			201,114	74,437
Western Oil Trans. (Moulton)		140,140			1,401			138,739	
	352,952	425,890	12,913	721,648	3,874	666,789		478,260	364,480
DELPHIA—Truck			1,561			1,561			
DRY CREEK—Truck			162			162			
DWYER—Portal Pipeline Co.		28,952					28,952		
ELK BASIN & ELK BASIN NORTH-WEST		250,275				250,275			
FAIRVIEW—Rock Island Oil & Ref. Co.			15,414				15,414		
FLAT COULEE—									
Camerland Cardinal Corp.		19,724						19,724	
FLAT LAKE—Portal Pipeline Co.		86,072					86,072		
FRANNIE—Interstate Pipeline Co.		1,217					1,217		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	23,901	135,633				5,841		133,759	19,934
GAGE & GAGE S.W.—Truck			354			354			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	6,705	47,077			993			47,417	5,372
GOOSE LAKE—Portal Pipeline Co.		63,082					63,082		
HIBBARD—Truck			390			390			
IVANHOE—Continental Pipeline Co.		18,755				15,435	3,320		
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		42,099				17,859	24,240		
KEVIN SUNBURST—									
Big West Oil Co.	3,907	28,099				28,864		584	2,558
Homestake Oil & Gas Co.	1,548	2,548		19,071		22,157			1,010
Producers Pipeline Co.			1,385					1,385	
Texas Pipeline Co.	7,713	14,315			(28)			13,711	8,345
	13,168	44,962	1,385	19,071	(28)	51,021		15,680	11,913
LODGE GRASS—McWood Corp.	1,723		1,879			3,602			
LONE TREE—Truck			5,695				5,695		
MASON LAKE—Continental Pipeline Co.		2,325				2,325			
MELSTONE—Continental Pipeline Co.		3,151				3,151			
MOSSER—Truck			775					775	
POLE CREEK—Truck			2,066				2,066		
PONDERA—Phillips Petr. Co.	39,244	35,601		106,975	(518)	122,238			60,100
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, RED-STONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	15,544	224,021			474			220,317†	18,774
RAGGED POINT—									
Continental Pipeline Co.		2,560				730	1,830		
RANCH CREEK—									
Rock Island Oil & Ref. Co.			2,597				2,597		
RED CREEK—									
Western Oil Transportation Co.		25,873			259			25,614	
SHOTGUN CREEK—Truck			877				877		
SIDNEY-BRORSON—McWood Corp.	5,871		1,461	6,445				10,074	3,703
SNYDER—Truck			2,837			2,837			
SOAP CREEK—McWood Corp.	5,593		4,032	2,059		5,557			6,127
SPRING LAKE—									
Rock Island Oil & Ref. Co.			4,484				4,484		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	401,811	101,029		365,473	1,248	83,914		449,765	333,386
TULE CREEK—Tesoro Petr. Co.	4,183		56,113			54,450			5,846
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		21,651				21,651			
WOLF SPRINGS—									
Continental Pipeline Co.		23,065				23,065			
WILDCAT WELLS—Truck			3,450			508	2,942		
TOTALS	1,181,359	2,847,997	173,122	2,047,026	7,749	1,385,587	1,967,626	1,756,042	1,132,500

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

†Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JUNE, 1966

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall	.....	.....	.....	16,256	.....	.....	.....	.....	.....	16,256
Blackfoot	4,281	.....	.....	.....	.....	.....	.....	.....	.....	4,281
Bowes	.....	.....	8,492	.....	.....	.....	.....	.....	.....	8,492
Cat Creek	.....	12,739	.....	.....	.....	2,197	.....	.....	.....	14,936
Cut Bank	29,567	.....	.....	.....	.....	.....	32,542	.....	66,366	128,475
Delphia	.....	.....	.....	.....	.....	752	.....	.....	.....	752
Dry Creek	.....	.....	.....	.....	.....	65	.....	.....	.....	65
Elk Basin	.....	96,551	.....	62,596	91,127	.....	.....	.....	.....	250,274
Fred & George Creek	5,841	.....	.....	.....	.....	.....	.....	.....	.....	5,841
Gage & Gage S.W.	.....	.....	.....	.....	.....	524	.....	.....	.....	524
Hibbard	.....	.....	.....	.....	.....	465	.....	.....	.....	465
Ivanhoe	.....	1,427	.....	.....	14,008	.....	.....	.....	.....	15,435
Keg Coulee	.....	3,138	.....	14,721	.....	.....	.....	.....	.....	17,859
Kevin Sunburst	22,157	.....	.....	.....	.....	.....	.....	.....	28,864	51,021
Mason Lake	.....	2,325	.....	.....	.....	.....	.....	.....	.....	2,325
Melstone	.....	.....	.....	3,151	.....	.....	.....	.....	.....	3,151
Pondera	.....	.....	.....	.....	.....	.....	120,899	.....	.....	120,899
Ragged Point	.....	730	.....	.....	.....	.....	.....	.....	.....	730
Red Creek	.....	.....	.....	.....	50,030	.....	.....	.....	.....	50,030
Richey Southwest	.....	.....	.....	.....	.....	5	.....	.....	.....	5
Sand Creek	.....	.....	.....	.....	.....	748	.....	.....	.....	748
Soap Creek	.....	5,557	.....	.....	.....	.....	.....	.....	.....	5,557
Sumatra & Stensvad	.....	15,418	.....	68,496	11,897	.....	.....	.....	.....	95,811
Tule Creek	.....	.....	.....	.....	.....	.....	.....	54,450	.....	54,450
Whitlash	21,651	.....	.....	.....	.....	.....	.....	.....	.....	21,651
Wolf Springs	.....	.....	.....	.....	24,979	.....	.....	.....	.....	24,979
Total Montana Oil	83,497	137,885	8,492	165,220	192,041	4,756	153,441	54,450	95,230	895,012
Canadian Oil Imported	.....	441,971	.....	.....	.....	.....	.....	.....	1,887	443,858
Wyoming Oil Imported	.....	419,990	.....	358,186	895,607	.....	.....	.....	.....	1,673,783
Total Montana, Canadian and Wyoming Oil	83,497	999,846	8,492	523,406	1,087,648	4,756	153,441	54,450	97,117	3,012,653

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1965	32,792	12,751	44,980	90,523
June, 1965	31,049	12,697	49,324	93,070
June, 1966	29,833	14,796	55,792	100,421

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1965	36.22%	14.10%	49.68%
June, 1965	33.36%	13.65%	52.99%
June, 1966	29.70%	14.75%	55.55%